

HT300 - HT3301 - HT3310

INFRARED/CONTACT THERMOMETERS

The HT300, HT3301 and/or HT3310 models are portable digital thermometers which can perform contact and infrared temperature measurements in a very easy way. The model HT3301 can also save the measured results.

| FUNCTIONS | HT300 | HT3301 | HT3310 |
|--|---|--|--|
| Temperature with type K/J probe | • | only K | |
| Infrared temperature measurement | | • | • |
| Measurement range with type K/J probe | 200°C ÷ 1370°C (type K) -200°C ÷ 1050°C (type J) | -50°C ÷ 1370°C -58°F ÷ 2498°F | |
| Measurement range infrared mode | | -50 ÷ 1050°C -58°F ÷ 1922°F | -50 ÷ 1000°C -58°F ÷ 1832°F |
| Resolution with type K/J probe | 0.1°C / 0.1°F | 0.1°C / 0.1°F | |
| Resolution infrared mode | | 0.1°C / 0.1°F | 0.1°C / 0.1°F |
| Accuracy with type K/J probe (only meter) | ±(0.05%rdg + 0.7°C) ±(0.05%rdg + 1.4°F) | ±(1.5%rdg + 2.0°C) ±(1.5%rdg + 5°F) | |
| Accuracy infrared mode | | ±(1.5%rdg + 2.0°C) ±(1.5%rdg + 3.6°F) | ±(1.5%rdg + 2.0°C) ±(1.5%rdg + 3.6°F) |
| Selection °C / °F units | • | • | • |
| Distance / Spot ratio for infrared mode | | 30:1 | 50:1 |
| Class 2 laser pointer | | • | • |
| Emissivity adjustment | | • | • |
| Setting of thresholds alarms on measurements | | • | • |
| Memory | | (20 locations) | |
| Backlight LCD display | | • | • |
| MAX/MIN | • | • | • |
| MAX/MN/DIF/AVG | | • | • |
| Data HOLD | • | • | • |
| Relative measurement | • | | |
| Power supply | 1x9V battery 6F22 | 1x9V battery 6F22 | 1x9V battery 6F22 |
| AutoPowerOFF | • | • | • |
| Dimensions (LxWxH) | 130 x 56 x 38 mm | 170 x 56 x 230 mm | 100 x 56 x 230 mm |
| Weight (included batteries) | 170g | 290g | 290g |

| ACCESSORIES | HT300 | HT3301 | HT3310 |
|-------------------|-------|--------|--------|
| Standard | | | |
| Type K bead probe | • | • | |
| Carrying bag | • | • | • |
| Battery | • | • | • |
| User manual | • | • | • |
| Optional | | | |
| Type K probes | • | • | |



HT3310
HA003310



1. TECHNICAL SPECIFICATIONS

Accuracy is given as \pm [% of reading + values] at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, <80%RH

TEMPERATURE WITH TYPE K PROBE

| Range | Resolution | Accuracy (*) | Overload Protection |
|---------------|------------|---|---------------------|
| -200 ÷ 1370°C | 0.1°C | $\pm(0.05\% \text{ rdg} + 0.7^{\circ}\text{C})$ | 24 V AC/DC RMS |
| -328 ÷ 2498°F | 0.1°F | $\pm(0.05\% \text{ rdg} + 1.4^{\circ}\text{F})$ | |

(*) Accuracy is referred to the meter only without external probes

TEMPERATURE WITH TYPE J PROBE

| Range | Resolution | Accuracy (*) | Overload Protection |
|---------------|------------|---|---------------------|
| -200 ÷ 1050°C | 0.1°C | $\pm(0.05\% \text{ rdg} + 0.7^{\circ}\text{C})$ | 24 V AC/DC RMS |
| -328 ÷ 1922°F | 0.1°F | $\pm(0.05\% \text{ rdg} + 1.4^{\circ}\text{F})$ | |


(*) Accuracy is referred to the meter only without external probes

2. GENERAL SPECIFICATIONS

Mechanical characteristics

Dimensions of instrument (LxWxH): 130 x 56 x 38mm
Weight of instrument (including battery): 170g

Supply

Battery type: 1 battery 9V NEDA 1604 IEC 6F22 JIS 006P.
Low battery indication: “” symbol is displayed
Battery life: approx 200 hours
Auto power OFF: about 15 minutes of idleness

Display

Characteristics: 5 LCD double display with sign and decimal point

Climatic conditions

Reference temperature: $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Operating temperature: $5 \div 40^{\circ}\text{C}$
Operating humidity: <80%RH
Storage temperature: $-10 \div 60^{\circ}\text{C}$
Storage humidity: <70%RH
Max height of use: 2000m

This product conforms to the prescriptions of the EMC directive 2004/108/EEC